

Issuance Date: June 14, 2004

Effective Date: July 1, 2004

Expiration Date: June 30, 2008

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WASTE DISCHARGE PERMIT No. WA0038776

State of Washington  
DEPARTMENT OF ECOLOGY  
Olympia, Washington 98504-7600

In compliance with the provisions of  
The State of Washington Water Pollution Control Law  
Chapter 90.48 Revised Code of Washington  
and  
The Federal Water Pollution Control Act  
(The Clean Water Act)  
Title 33 United States Code, Section 1251 et seq.

**Tidewater Vessel Repair Facility**  
**6305 N.W. Old Lower River Road**  
**Vancouver, Washington 98666-**  
**1210**

<u>Facility Location:</u> 6305 N.W. Old Lower River Road Vancouver, Washington 98666-1210	<u>Receiving Water:</u> Columbia River Class "A" Freshwater
<u>Water Body I.D. No.:</u> WA-CR-1010	<u>Discharge Location:</u> Latitude: 45° 37' 30" N Longitude: 122° 37' 30" W
<u>Industry Type:</u> Large Towboat and Barge Repair	<u>SIC Code:</u> 3731

is authorized to discharge in accordance with the special and general conditions which follow.

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Kelly Susewind, P.E., P.G.  
Southwest Region Manager  
Water Quality Program

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### SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A	Discharge Monitoring Report	Monthly	
S3.E	Noncompliance Notification	As necessary	
S5.K	Spill Plan Update	1/permit cycle	August 1, 2004
G1.	Notice of Change in Authorization	As necessary	
G4.	Permit Application for Substantive Changes to the Discharge	As necessary	
G5.	Engineering Report for Construction or Modification Activities	As necessary	
G7.	Application for Permit Renewal	1/permit cycle	January 1, 2008
G8	Notice of Permit Transfer	As necessary	
G21	Notice of Planned Changes	As necessary	
G22.	Reporting Anticipated Non-compliance	As necessary	

## SPECIAL CONDITIONS

### S1. DISCHARGE LIMITATIONS

#### A. Process Wastewater Discharges

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit.

The discharge of any of the following pollutants more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge stormwater at the permitted location subject to complying with the following limitations:

- All discharges of hydroblast or pressure wash wastewater to the Columbia River are prohibited.
- The direct discharge of bilge water, hydraulic fluid, and oily wastes to waters of the state is prohibited. Hydro blast water is construed to be any water mechanically elevated in pressure above city delivery pressures.
- Discharge of non-contact cooling water from the cooling system for any compressors is prohibited.
- Ship sanitary wastes shall not be discharged directly to waters of the state. Federal and state regulations prohibit the discharge of sewage and gray water into waterway. If untreated sanitary wastes are to be discharged, either the discharge be to the sanitary sewer (if available) or into holding tanks that are emptied to the sanitary sewer to the upland drain field system.
- The discharge of solvents to waters of the state is prohibited.
- No wastewater shall be discharged from any maintenance shop including machine shop and fabrications shop.

#### B. Stormwater Discharges

Stormwater discharges shall not cause a visible change in turbidity, or color, or cause a visible oil sheen in the receiving water.

**Effluent Limitations for Stormwater Outfall 001  
(Discharge from Bioswale)**

Parameter	Maximum Daily <sup>a</sup>
Oil and Grease	5 mg/L <sup>1</sup>
Turbidity	5 NTU over background
pH, standard units, S.U.	Daily minimum is equal to or greater than 6.6 and the daily maximum is less than or equal to 8.5.
Total recoverable zinc	72.55 ug/L
<sup>a</sup> The maximum daily effluent is defined as the highest allowable daily discharge.	

<sup>1</sup>The MDL for oil and grease is 0.2 mg/L using the trichlorotrifluoroethane extraction and gravimetric analysis using EPA Method 413.1. The quantification level (QL) for oil and grease is 1.0 mg/L (5xMDL). An equivalent method is Method 1664 using normal hexane (n-hexane) as the extraction solvent in place of 1,1,2-trichloro-1,1,2-trifluoroethane (CFC-113; Freon-113). An equivalent method is total petroleum hydrocarbons with a MDL of 0.1 mg/L using Gas Chromatography and Flame Ionization Detector (FID) and Method WTPH-Dx Diesel (WTPH-D) from the Washington State Department of Ecology Method WTPH-D. The quantification level (QL) for TPH-Dx is 0.5 mg/L (5xMDL).

Zinc shall be analyzed using the GFAA method 289.2 with a Method Detection Limit (MDL) 0.05 ug/L and a practical quantitation limit of 0.25 ug/L.

Within 30 days of issuing this permit, all discharges shall meet the surface water criteria for Class "A" freshwater for the Columbia River. The bioswale shall be maintained to meet the 6 month 24 hour storm as it was designed for. Discharges from roof drains have the option to be "tightlined" to the Columbia River or discharged to the bioswale.

C. Drydock Flood Water (DD1)

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge drydock flood water from the drydock and is subject to the following limitations:

<b>Effluent Limitations: Drydock (DD1)</b>	
<b>Parameter</b>	<b>Maximum Daily<sup>a</sup></b>
Oil and Grease	5 mg/L <sup>1</sup>
Oil and Grease	No visible sheen
<sup>a</sup> The maximum daily effluent is defined as the highest allowable daily discharge	

<sup>1</sup>The MDL for oil and grease is 0.2 mg/L using the trichlorotrifluoroethane extraction and gravimetric analysis using EPA Method 413.1. The quantification level (QL) for oil and grease is 1.0 mg/L (5xMDL). An equivalent method is Method 1664 using normal hexane (n-hexane) as the extraction solvent in place of 1,1,2,-trichloro-1,1,2-trifluoroethane (CFC-113; Freon-113). An equivalent method is total petroleum hydrocarbons with a MDL of 0.1 mg/L using Gas Chromatography and Flame Ionization Detector (FID) and Method WTPH-Dx Diesel (WTPH-D) from the Washington State Department of Ecology Method WTPH-D. The quantification level (QL) for TPH-Dx is 0.5 mg/L (5xMDL).

The discharge from the drydock shall not cause a visible change in color or turbidity to the receiving water, the Columbia River.

## S2. MONITORING REQUIREMENTS

### A. Drydock Monitoring Schedule

<b>Category</b>	<b>Parameter</b>	<b>Units</b>	<b>Sample Point</b>	<b>Minimum Sampling Frequency</b>	<b>Sample Type</b>
Drydock Flood Water	Oil and Grease	mg/L	DD1	Quarterly	Grab
Drydock Flood Water	Oil and Grease	Visible Sheen	DD1	Each Launch	Visual <sup>2</sup>

- 1) Grab samples shall be collected from the downstream side of the drydock after the initial submergence following vessel repair activities and when there is at least three feet and less than six feet of water over the floor apron. Samples will be considered invalid if taken after the 6-foot water level is reached. If no undockings occur in a given quarter, this shall be clearly stated on the Discharge Monitoring Report.
- 2) A file containing a log of visible sheen observations shall be maintained. This log shall also contain the photographic record of drydock apron (floor) condition prior to re-launch.

B. Stormwater Monitoring Schedule

Parameter	Units	Sample Point <sup>1</sup>	Minimum Sampling Frequency	Sample Type
<b>Total Recoverable Zinc</b>	µg/L	001	Once per month	Grab
<b>Turbidity</b>	NTU	001 & Col R. background	Once per month	Grab
<b>Oil and Grease</b>	mg/L	001	Once per month	Grab
<b>pH</b>	S.U.	001	Once per month	Grab

<sup>1</sup>Samples shall be collected from the outfall or on-line stormwater drain access point nearest the outfall terminus.

If the Department should determine at a future date that the performance of the bioswale is acceptable to meet water quality standards, the sampling frequency will be reduced to quarterly for the duration of this permit.

C. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

D. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, conductivity, pH and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. The Department exempts crops, soils, and hazardous waste data from this requirement pending accreditation of laboratories for analysis of these media.



**S3. REPORTING AND RECORDKEEPING REQUIREMENTS**

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during each monitoring period shall be summarized, reported, and submitted on a Discharge Monitoring Report (DMR) form provided, or otherwise approved, by the Department. DMR forms shall be postmarked or received no later than the 15th day of the month following the completed monitoring period, unless otherwise specified in this permit. Priority pollutant analysis data shall be submitted no later than forty-five (45) days following the monitoring period. The report(s) shall be sent to the Department of Ecology, Southwest Regional Office, P.O. 47775 Olympia, Washington 98504-7775 ATTN: Ms. Laurie Conger.

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling or measurement; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) the individual who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the

results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's DMR.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the terms and conditions of this permit due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and clean up unauthorized discharges or otherwise stop the noncompliance, correct the problem and, if applicable, repeat sampling and analysis of any noncompliance immediately and submit the results to the Department within thirty (30) days after becoming aware of the violation.
2. Immediately notify the Department of the failure to comply.
3. Submit a detailed written report to the Department within thirty (30) days (five [5] days for upsets and bypasses), unless requested earlier by the Department. The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

S4. **SOLID WASTE DISPOSAL**

A. Solid Waste Handling

The permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground or surface waters.

Under authority of RCW 90.48.080, the Permittee shall develop a solid waste plan to prevent solid waste from causing pollution of waters of the state. The plan must be submitted to the local permitting agency for approval, if necessary, and to the Department.

B. Leachate

The permittee shall not allow leachate from its solid waste material to enter state waters without providing all known, available, and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201 A WAC. The permittee shall apply for a permit or permit modifications as may be required for such discharges to state ground or surface waters. This section applies to both general solid waste collection and the container garbage transfer area.

**S5. BEST MANAGEMENT PRACTICES**

**A. Control of Large Solid Material**

Floatable and low density waste such as wood, plastic, and miscellaneous trash such as paper, insulation, and packaging shall be removed from the drydock floors prior to flooding.

**B. Control and Cleanup of Paint Dust and Abrasive Blasting Debris**

Dust and overspray shall be confined to the shipyard repair and construction areas to the maximum extent feasible during abrasive blasting and spray painting of vessels and modules. Feasible methods of control include conducting the work in a sandblast/spray paint shed or installing plastic barriers around the vessel. Plastic barriers hung from the vessel or temporary structures around the vessel should be secure and arranged to prevent the fugitive emissions of abrasive grit and dust, as well as effectively capture overspray from spray painting activities. The bottom edge of tarpaulins and plastic sheeting shall be weighted or fastened to remain in place during windy conditions.

Consideration shall also be given to other feasible innovative procedures, as appropriate, to improve the effectiveness of controlling dust emissions and paint overspray. Such innovative methods may include wet abrasive blasting (slurry blasting), product substitution for blasting media, e.g., sodium bicarbonate, or overall waste minimization and recycling, e.g., the use of vacuum return sandblasting heads or steel shot blast technology.

No abrasive blasting or spray painting of vessels shall be performed while vessels are docked pier-side such that material is discharged to the receiving water.

Cleanup of spent paint, paint chips, protective coating materials, and abrasive grit shall be undertaken as part of the repair or production activities, to the extent maximally feasible, as to prevent their entry into state waters.

Vessels shall be set on the drydock to afford accessibility to the floor of the drydock beneath the vessel for collection of spent abrasive. The drydock shall be cleaned of spent sandblast grit and debris prior to launching a vessel. Cleaning may be accomplished by either manual or mechanical means.

The flooding and sinking of the drydock with spent abrasive on the drydock floor is prohibited.

Photographs shall be taken and maintained in a logbook to demonstrate the condition of the drydock floor prior to launching every vessel. Documentation accompanying the photographs shall include the name of the vessel, the drydock number, the date the vessel was launched, the date the photograph was taken, and the name of the photographer. A videotape that documents the same

information may be used in place of a photograph collection. Digital cameras are also acceptable and Tidewater Vessel Repair is encouraged to use this methodology.

The yard shall be cleaned on a regular basis to minimize the possibility that stormwater runoff will carry sandblasting grit or other debris into the receiving water. Collected sandblasting debris shall be stored under cover in a designated area with the spent abrasive grit. Innovations and procedures which improve the effectiveness of cleanup operations shall be adopted where they are feasible, appropriate and can be demonstrated as preventing the discharge of solids to water.

C. Oil, Grease, Paint and Fuel Spills Prevention and Containment

No discharge of oil, other hazardous material, or paint to state waters is allowed, except as specifically authorized by this permit. Oil, grease, fuel, or paint spills shall be prevented from reaching drainage systems or surface waters. Cleanup shall be carried out promptly after an oil, grease, fuel, or paint spill is detected. Oil containment booms and absorbents shall be conveniently stored so as to be immediately deployable in the event of a spill. All yard personnel that may participate in cleanup of spills shall be trained in the use and deployment of cleanup equipment.

In the event of an accidental discharge of oil or hazardous material into waters of the state or onto land with a potential for entry into state waters, the Department's Southwest Regional Office Spill Response Section and the United States Coast Guard shall be notified immediately.

1. Cleanup efforts shall commence immediately and be completed as soon as possible, taking precedence over normal work, and shall include proper disposal of spilled material and used cleanup material.
2. Cleanup of oil or hazardous material spills shall be in accordance with an approved spill control plan or according to specific instructions of an on-scene coordinator.
3. No emulsifiers or dispersants are to be used in or upon the waters of the state without prior approval of the Department of Ecology. Drip pans or other protective devices shall be required for all oil transfer operations to catch incidental spills and drips from hose nozzles, hose racks, drums, or barrels. Oils and fuel storage tanks shall be provided with secondary containment.

D. In-Water Vessel Maintenance - Surface Preparation BMPs

The following types of surface preparation activities are allowed to be conducted on a vessel's hull above the waterline while it is at a permitted shipyard facility. These activities are only allowed provided that containment and collection BMP measures are in effect to prevent the introduction of dust, dirt, debris or any other pollutants generated from these surface preparation operations from being deposited on or entering into waters of the state:

Mechanical hand preparation such as scraping or wire brushing

#### Conventional mechanical grinding

Conventional abrasive blasting on the vessel's hull while it is in the water is prohibited.

Innovative abrasive blasting systems or ultra-high water pressure systems for surface preparation will be allowed to be conducted on a vessel's hull while it is in the water provided that it has been demonstrated before-hand to Department of Ecology's satisfaction that such methods do not release generated pollutants into waters of the state.

#### **In-Water Vessel Maintenance - Paint and Coating Application BMPs:**

The following methods of paint and coating applications to a vessel's hull while in the water at a NPDES permitted shipyard are allowed provided that all containment, collection and spill prevention BMPs are in place before any such applications are made to a vessel's hull:

Application by roller  
Application by brush

Conventional spray-paint or spray-coating applications to a vessel's hull while that vessel is in the water are prohibited.

Innovative spray-paint or spray-coating application methods will be allowed to be conducted on a vessel's hull while it is in the water provided that it has been demonstrated before-hand to Department of Ecology's satisfaction that such methods do not release generated pollutants into waters of the state.

#### **BMPs for Floats used for In-Water Vessel Maintenance:**

Floats are defined as free-floating, unattached work platforms capable of moving back and forth along the length of the ship and around its hull. Floats shall at all times maintain a minimum of 1" of freeboard at the floats lowest point during all phases of maintenance operations. The minimum 1" freeboard requirement must be maintained with all scaffolding configurations and number of persons on board the float. All necessary precautions will be taken by personnel on board the float to prevent paints, cleaning materials, petroleum products, all other liquids and unsecured materials from entering into the water from the float.

Any container of paint, marine coating or any other liquid product for painting or surface preparation of 1 gallon or greater must be provided with secondary containment when used on board a float. All roller pans used on a float must be provided with secondary spill containment. Secondary spill containment capacity is equal to the entire volume of the container plus 10 percent of the volume of that same container.

#### **Documentation Requirements for In-Water Vessel Maintenance BMPs:**

Documentation requirements will be in effect for any in-water surface preparation operations of one hour or more in duration and any in-water coating or painting operation involving ½ gallon or more of paint or marine coating.

Documentation requirements will consist at a minimum of one or more representative photographs of all in-water vessel maintenance BMPs which are implemented for surface preparation operations and all painting and coating operations. All such photographs shall be dated and maintained in a logbook with all necessary descriptive narrative of the in-water vessel maintenance BMPs being documented. These records shall be made available to a Department of Ecology inspector upon request and will be retained on site for at least three years.

**Ballast Water Discharges:**

Ballast water shall not be discharged directly onto the floors of a drydock or graving dock and then discharged directly to state surface waters.

E. Paint and Solvent Use and Containment

The mixing of paints and solvents shall be carried out in locations and under conditions such that no spill shall enter state waters.

1. Drip pans or other protective devices shall be required for all paint mixing and solvent transfer operations, unless the mixing operation is carried out in covered and controlled areas away from storm drains, surface waters, shorelines, and piers. Drip pans, drop cloths, or tarpaulins shall be used wherever paints and solvents are mixed on wood docks. Paints and solvents shall not be mixed on floats.
2. Paint and solvent spills shall be treated as oil spills and shall be prevented from reaching storm drains and subsequent discharge into the water.

F. Contact Between Water and Debris

Shipboard cooling and non-contact cooling water shall be directed as to minimize contact with spent abrasives, paint chips, and other debris. Contact between spent abrasives or paint chips and water will be reduced by proper segregation and control of wastewater streams. Appropriate methods shall be incorporated to prevent accumulation of debris in drainage systems and debris shall be promptly removed to prevent its discharge with stormwater.

G. Maintenance of Hoses, Soil Chutes, and Piping

Leaking connections, valves, pipes, hoses, and soil chutes carrying either water or wastewater shall be replaced or repaired immediately. Soil chute and hose

connections to vessels and to receiving lines or containers shall be tightly connected and as leak free as practicable.

H. Chemical Storage

Solid chemicals, chemical solutions, paints, oils, solvents, acids, caustic solutions and waste materials, including used batteries, shall be stored in a manner which will prevent the inadvertent entry of these materials into waters of the state, including ground water. Storage shall be in a manner that will prevent spills due to overfilling, tipping, or rupture. In addition, the following practices shall be used:

1. All liquid products shall be stored on durable impervious surfaces and within bermed containment capable of containing 110 percent of the largest single container in the storage area.
2. Waste liquids shall be stored under cover, such as tarpaulins or roofed structures. All waste storage areas, whether for waste oil or hazardous waste, shall be clearly designated as such and kept segregated from new product storage.
3. Incompatible or reactive materials shall be segregated and securely stored in separate containment areas that would prevent the inadvertent mixing and reaction of spilled chemicals.
4. Concentrated waste or spilled chemicals shall be transported off-site for disposal at a facility approved by the Department of Ecology or appropriate county health authority in accordance with the solid waste disposal requirements of Special Condition S4. These materials shall not be discharged to any sewer or state waters.

I. Recycling of Spilled Chemicals and Rinse Water

Any intercepted chemical spill shall be recycled back to the appropriate chemical solution tank or cleaned up and disposed of properly. The spilled material must be handled, recycled, or disposed of in such a manner as to prevent its discharge into state waters.

J. Education of Employees, Contractors, and Customers

To facilitate the consistent and effective implementation of the BMPs described above, the Permittee shall develop a program for training its employees, and all contractors who work at the facility, on BMPs and the environmental concerns related to this permit. There are a variety of ways to accomplish this and the Permittee should determine the method that works best for the company. For example, regular safety meetings may be a convenient time to discuss BMP implementation successes or problems and get input on better ways of

accomplishing pollution prevention. The Permittee may consider providing similar information to its customers.

K. Spill Plan

The Permittee shall submit an updated spill control plan within 90 days of issuance of this permit.



## GENERAL CONDITIONS

### G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed and certified.

- A. All permit applications shall be signed by either a responsible corporate officer of at least the level of vice president of a corporation, a general partner of a partnership, or the proprietor of a sole proprietorship.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by a person described above and submitted to the Department.
  - 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- C. Changes to authorization. If an authorization under paragraph B.2 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph B.2 above must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

## **G2. RIGHT OF INSPECTION AND ENTRY**

The Permittee shall allow an authorized representative of the Department, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit.
- B. To have access to and copy - at reasonable times and at reasonable cost - any records required to be kept under the terms and conditions of this permit.
- C. To inspect - at reasonable times - any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit.
- D. To sample or monitor - at reasonable times - any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.

## **G3. PERMIT ACTIONS**

This permit may be modified, revoked and reissued, or terminated either at the request of any interested person (including the permittee) or upon the Department's initiative. However, the permit may only be modified, revoked and reissued, or terminated for the reasons specified in 40 CFR 122.62, 122.64 or WAC 173-220-150 according to the procedures of 40 CFR 124.5.

- A. The following are causes for terminating this permit during its term, or for denying a permit renewal application:
  - 1. Violation of any permit term or condition.
  - 2. Obtaining a permit by misrepresentation or failure to disclose all relevant facts.
  - 3. A material change in quantity or type of waste disposal.
  - 4. A determination that the permitted activity endangers human health or the environment or contributes to water quality standards violations and can only be regulated to acceptable levels by permit modification or termination [40 CFR part 122.64(3)].
  - 5. A change in any condition that requires either a temporary or permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit [40 CFR part 122.64(4)].
  - 6. Nonpayment of fees assessed pursuant to RCW 90.48.465.
  - 7. Failure or refusal of the permittee to allow entry as required in RCW 90.48.090.

B. The following are causes for modification but not revocation and reissuance except when the permittee requests or agrees:

1. A material change in the condition of the waters of the state.
2. New information not available at the time of permit issuance that would have justified the application of different permit conditions.
3. Material and substantial alterations or additions to the permitted facility or activities which occurred after this permit issuance.
4. Promulgation of new or amended standards or regulations having a direct bearing upon permit conditions, or requiring permit revision.
5. The Permittee has requested a modification based on other rationale meeting the criteria of 40 CFR part 122.62.
6. The Department has determined that good cause exists for modification of a compliance schedule, and the modification will not violate statutory deadlines.
7. Incorporation of an approved local pretreatment program into a municipality's permit.

C. The following are causes for modification or alternatively revocation and reissuance:

1. Cause exists for termination for reasons listed in A1 through A7, of this section, and the Department determines that modification or revocation and reissuance is appropriate.
2. The Department has received notification of a proposed transfer of the permit. A permit may also be modified to reflect a transfer after the effective date of an automatic transfer (General Condition G8) but will not be revoked and reissued after the effective date of the transfer except upon the request of the new permittee.

#### **G4. REPORTING A CAUSE FOR MODIFICATION**

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports whenever a material change to the facility or in the quantity or type of discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least sixty (60) days prior to any proposed changes. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

#### **G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in

accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications shall be submitted at least one hundred eighty (180) days prior to the planned start of construction unless a shorter time is approved by Ecology. Facilities shall be constructed and operated in accordance with the approved plans.

#### **G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in this permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

#### **G7. DUTY TO REAPPLY**

The Permittee shall apply for permit renewal at least 180 days prior to the specified expiration date of this permit.

#### **G8. TRANSFER OF THIS PERMIT**

In the event of any change in control or ownership of facilities from which the authorized discharge emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Department.

##### **A. Transfers by Modification**

Except as provided in paragraph B below, this permit may be transferred by the Permittee to a new owner or operator only if this permit has been modified or revoked and reissued under 40 CFR 122.62(b)(2), or a minor modification made under 40 CFR 122.63(d), to identify the new Permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

##### **B. Automatic Transfers**

This permit may be automatically transferred to a new Permittee if:

1. The Permittee notifies the Department at least 30 days in advance of the proposed transfer date.
2. The notice includes a written agreement between the existing and new Permittee's containing a specific date transfer of permit responsibility, coverage, and liability between them.
3. The Department does not notify the existing Permittee and the proposed new Permittee of its intent to modify or revoke and reissue this permit. A modification under the subparagraph may also be minor modification under 40 CFR 122.63. If this notice is not received, the transfer is effective on the date specified in the written agreement.

#### **G9. REDUCED PRODUCTION FOR COMPLIANCE**

The Permittee, in order to maintain compliance with its permit, shall control production and/or all discharges upon reduction, loss, failure, or bypass of the treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

#### **G10. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to state waters.

#### **G11. DUTY TO PROVIDE INFORMATION**

The Permittee shall submit to the Department, within a reasonable time, all information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The Permittee shall also submit to the Department upon request, copies of records required to be kept by this permit [40 CFR 122.41(h)].

#### **G12. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

#### **G13. ADDITIONAL MONITORING**

The Department may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

#### **G14. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by the Department.

#### **G15. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall

be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.

#### **G16. UPSET**

Definition – “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of the following paragraph are met.

A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that: 1) an upset occurred and that the Permittee can identify the cause(s) of the upset; 2) the permitted facility was being properly operated at the time of the upset; 3) the Permittee submitted notice of the upset as required in condition S3.E; and 4) the Permittee complied with any remedial measures required under S5 of this permit.

In any enforcement proceeding the Permittee seeking to establish the occurrence of an upset has the burden of proof.

#### **G17. PROPERTY RIGHTS**

This permit does not convey any property rights of any sort, or any exclusive privilege.

#### **G18. DUTY TO COMPLY**

The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

#### **G19. TOXIC POLLUTANTS**

The Permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.

#### **G20. PENALTIES FOR TAMPERING**

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation,

or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this Condition, punishment shall be a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than four (4) years, or by both.

#### **G21. REPORTING PLANNED CHANGES**

The Permittee shall, as soon as possible, give notice to the Department of planned physical alterations or additions to the permitted facility, production increases, or process modification which will result in: 1) the permitted facility being determined to be a new source pursuant to 40 CFR 122.29(b); 2) a significant change in the nature or an increase in quantity of pollutants discharged; or 3) a significant change in the Permittee's sludge use or disposal practices. Following such notice, this permit may be modified, or revoked and reissued pursuant to 40 CFR 122.62(a) to specify and limit any pollutants not previously limited. Until such modification is effective, any new or increased discharge in excess of permit limits or not specifically authorized by this permit constitutes a violation.

#### **G22. REPORTING ANTICIPATED NON-COMPLIANCE**

The Permittee shall give advance notice to the Department by submission of a new application or supplement thereto at least one hundred and eighty (180) days prior to commencement of such discharges, of any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility or activity which may result in noncompliance with permit limits or conditions. Any maintenance of facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during non-critical water quality periods and carried out in a manner approved by the Department.

#### **G23. REPORTING OTHER INFORMATION**

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

#### **G24. REPORTING REQUIREMENTS APPLICABLE TO EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL DISCHARGERS**

The Permittee belonging to the categories of existing manufacturing, commercial, mining, or silviculture must notify the Department as soon as they know or have reason to believe:

- A. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following "notification levels:"
  1. One hundred micrograms per liter (100 µg/l).

2. Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
  3. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
  4. The level established by the Director in accordance with 40 CFR 122.44(f).
- B. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following "notification levels:"
1. Five hundred micrograms per liter (500µg/L).
  2. One milligram per liter (1 mg/L).
  3. Ten (10 ) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
  4. The level established by the Director in accordance with 40 CFR 122.44(f).

#### **G25. COMPLIANCE SCHEDULES**

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.